

instructions for providing an IP address associated with the selected server.

**APPARATUS AND METHOD FOR PERFORMING
TRAFFIC REDIRECTION IN A DISTRIBUTED
SYSTEM USING A PORTION METRIC**

ABSTRACT OF THE DISCLOSURE

A method and system for distributing a service request among a plurality of servers is disclosed. A portion metric is assigned to each one of the plurality of servers, the portion metric designating a portion of total server requests to be allocated to the one of the plurality of servers. A server request may then be received. A total number of server requests processed by the plurality of servers is incremented and a number of server requests distributed to each one of the plurality of servers is maintained. The server request is then distributed to one of the plurality of servers using the portion metric assigned to each one of the plurality of servers, the number of server requests distributed to each one of the plurality of servers, and the total number of server requests.